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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):   Michael L. Van De Vanter and Marat Boshernitsan

Title: INTERACTIVE SOFTWARE ENGINEERING TOOL WITH SUPPORT
FOR EMBEDDED LEXICAL CONTEXTS

Application No.: 09/940,242   Filed: August 27, 2001

Examiner: (not yet assigned)   Group Art Unit: 2122

Atty. Docket No.: 004-4911-1

October 4, 2001

COMMISSIONER FOR PATENTS
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT
37 C.F.R. § 1.97(b)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

☒   Form(s) PTO-1449
☐   Other: n/a

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

1.   an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention;
2.   a representation that a search has been made, other than as described below; or
3.   an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).
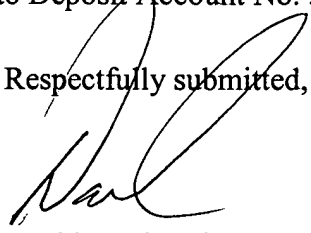
For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

FEE AUTHORIZATION

☐ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.

☒ The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

☒ If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.

CERTIFICATE OF MAILING

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.

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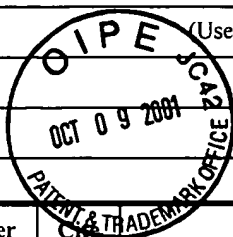David W. O'Brien   Date

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Respectfully submitted,

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U.S. Department of Commerce, Patent and Trademark Office		Attorney Docket No.:	*044-4911-1*
		Application No.:	09/940,242
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s):	*Van De Vanter, et al.*
(Use several sheets if necessary)		Filing Date:	*August 27, 2001*
		Group Art Unit:	*2122*
		Date Submitted:	*October 9, 2001*

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,737,608	Apr. 7, 1998	Van De Vanter	395	701	
	AB	5,748,975	May 5, 1998	Van De Vanter	395	793	
	AC	5,752,058	May 12, 1998	Van De Vanter	395	793	
	AD	5,802,262	Sep. 1, 1998	Van De Vanter	395	180	
	AE	5,805,889	Sep. 22, 1998	Van De Vanter	707	512	
	AF	5,813,019	Sep. 8, 1998	Van De Vanter	395	703	
	AG	5,857,212	Jan. 5, 1999	Van De Vanter	707	519	
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Rolf Bahlke and Gregor Snelting, "The PSG System: From Formal Language Definitions to Interactive Programming Environments," *ACM Transactions on Programming Languages and Systems* Vol. 8, No. 4 (Oct. 1986), pp. 547-576.
	AS	R. A. Balance, S. L. Graham and M. L. Van De Vanter, "The *Pan* Language-Based Editing System," *ACM Transactions on Software Engineering and Methodology*, Vol. 1, No. 1 (Jan. 1992), pp. 95-127.
	AT.	P. Borras et al., "CENTAUR: the system," *Proceedings ACM SIGSOFT '88: Third Symposium on Software Development Environment* (Nov. 1988), pp. 14-24.

Examiner	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office			Attorney Docket No.:	044-4911-1
			Application No.:	09/940,242
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicant(s):	Van De Vanter et al.
(Use several sheets if necessary)			Filing Date:	August 27, 2001
			Group Art Unit:	2122
			Date Submitted:	October 4, 2001

NON PATENT LITERATURE DOCUMENTS

*Examiner Initial	Cite No.	(Including name of author in capital letters, title of article, title of item, date, pertinent pages, volume-issue number(s), publisher, city and/or country where published.)
	AA	V. Donzeau-Gouge et al., "Programming Environments Based on Structured Editors: The MENTOR Experience," *Interactive Programming Environments*, David R. Barstow et al., editors, McGraw-Hill, New York, NY (1984), pp. 128-140.
	AB	Bernard Lang, "On the Usefulness of Syntax Directed Editors," *Advanced Programming Environments, Lecture Notes in Computer Science*, vol. 244, Reidar Conradi et al, editors, Springer Verlag, Berlin (1986), pp. 47-51.
	AC	S. Letovsky and E. Soloway, "Delocalized Plans and Program Comprehension," *IEEE Software EE* (May 1986), pp. 41-49.
	AD	Lisa Rubin Neal, "Cognition-Sensitive Design and User Modeling for Syntax-Directed Editors," *Proceedings SIG-CHI Conference on Human Factors in Computing Systems*, Toronto, Canada (April 1987), pp. 99-102.
	AE	David Notkin, "The GANDALF Project," *Journal of Systems and Software* Vol. 5, No. 2 (May 1985), pp. 91-105.
	AF	T. Reps and T. Teitelbaum, *The Synthesizer Generator Reference Manual, Texts and Monographs in Computer Science*, 3rd Ed., Springer-Verlag, NY, 1989, 180 pages.
	AG	E. Soloway and K. Ehrlich, "Empirical Studies of Programming Knowledge," *IEEE Transactions on Software Engineering*, Vol. SE-10, No. 5 (Sept. 1984), pp. 595-609.
	AH	Richard M. Stallman, "EMACS: The Extensible, Customizable, Self-Documenting Display Editor," *Proceedings of the ACM-SIGPLAN SIGOA Symposium on Text Manipulation, SIGPLAN Notices*, Vol. 16, No. 6 (June 8-10, 1981), pp. 147-156.
	AI	T. Teitelbaum and T. Reps, "The Cornell Program Synthesizer: A Syntax-Directed Programming Environment," *Communications of the ACM*, Vol. 24, No. 9 (Sept. 1981), pp. 563-573.
	AJ	M. Van De Vanter et al., "Coherent User Interfaces for Language-Based Editing Systems," *International Journal of Man-Machine Studies*, Vol. 37, No. 4 (1992), pp. 431-466.
	AK	Michael L. Van De Vanter, "Practical Language-Based Editing for Software Engineers," *Software Engineering and Human-Computer Interaction: ICSE '94 Workshop on SE-HCI: Joint Research Issues, Sorrento, Italy, May 1994 Proceedings*, Lecture Notes in Computer Science, Vol. 896, Richard N. Taylor and Joelle Coutaz, editors, Springer Verlag, Berlin (1995), pp. 251-267.
	AL	
	AM	
	AN	
	AO	
	AP	
	AQ	

Examiner		Date Considered

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